

US EPA ARCHIVE DOCUMENT



Blake Hall  
Cincinnati Facility  
Site Manager

**Chevron Environmental  
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July 6, 2010

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Mr. Christopher Black  
USEPA Region 5  
Corrective Action Section 2  
Remediation and Reuse Branch, LU-9J  
77 West Jackson Boulevard  
Chicago, IL 60604-3590

**Re: 2<sup>nd</sup> Quarter 2010 Progress Report, Chevron Cincinnati Facility**

Dear Mr. Black:

Chevron is submitting this quarterly progress report in accordance with Section 19.b of the November 2006 Administrative Order on Consent (AOC), covering the time period from April 1 to June 30, 2010. The progress and status of the various activities performed for this time period are presented herein.

1. Chevron sent the following correspondence to the U.S. EPA in the 2<sup>nd</sup> quarter of 2010:
  - A letter dated April 7, 2010 presenting a response to U.S. EPA comments dated March 8, 2010 on the Subsurface Assessment Adjacent to MW-96 Results Summary, Chevron Cincinnati Facility, Hooven, Ohio.
  - A letter dated April 13, 2010 presenting the Administrative Order on Consent 1<sup>st</sup> Quarter 2010 Progress Report.
  - A report dated June 18, 2010 presenting the Hooven Vapor Site Conceptual Model Update, Chevron Cincinnati Facility, Hooven, Ohio.
  - An Email dated June 21, 2010 with the attached Scope of Work for the Use of Fluorescent LNAPL Tracer for Improving LNAPL Recovery Activities, Chevron Cincinnati Facility, Hooven, Ohio. A letter dated June 21, 2010 presenting the Plug and Abandonment Notification, Facility and Island Groundwater Monitoring Wells, Chevron Cincinnati Facility, Hooven, Ohio.
  - A report dated June 29, 2010 presenting the Second 2009 Semiannual Monitoring Report, Chevron Cincinnati Facility, Hooven, Ohio.
2. The U.S. EPA sent the following correspondence to Chevron in the 2<sup>nd</sup> quarter of 2010:

- A letter dated June 23, 2010 providing approval of the Supplemental Monitoring of Soil Vapor Conditions beneath Hooven with an amended flowchart, Chevron Cincinnati Facility, Hooven, Ohio.
3. Other agency correspondence in the 2<sup>nd</sup> quarter of 2010 included the following:
- A letter to Hamilton County Environmental Services dated April 14, 2010 presenting the Quaterly Report (January 2010 through March 2010) for the Permit to Operate T015 (735 MGAL external floating roof storage tank-70 Tank), Chevron Cincinnati Facility, Hooven, Ohio.
  - A letter from Ohio EPA dated April 19, 2010 presenting the results of the March 30, 2010 compliance evaluation inspection of the RCRA Land Treatment Unit, Chevron Cincinnati Facility, Hooven, Ohio, Facility I.D. OHD004254132.
  - A letter to Ohio EPA dated May 18, 2010 presenting a Response to April 19, 2010 OEPA Maintenance Comments regarding the compliance evaluation inspection of the RCRA Land Treatment Unit, Chevron Cincinnati Facility, Hooven, Ohio, Facility I.D. OHD004254132.
  - A letter from Ohio EPA dated May 25, 2010 presenting the response to Chevron's comment response letter dated May 18, 2010 regarding the compliance evaluation inspection of the RCRA Land Treatment Unit, Chevron Cincinnati Facility, Hooven, Ohio, Facility I.D. OHD004254132.
  - A letter from Ohio EPA dated June 15, 2010 presenting the approval of the results of the report dated February 11, 2010 titled "2009 Annual Groundwater Monitoring Report, RCRA Land Treatment Unit, Chevron Cincinnati Facility, Hooven, Ohio, Facility I.D. OHD004254132."
4. Change of Management:
- The Chevron site manager role has recently been transitioned from Mr. Chris Aneiros to myself, Mr. Blake Hall. In addition to the correspondence listed above, Change of Management notifications were sent on June 21, 2010 to U.S. EPA Region 5, Ohio EPA, Ohio Department of Health, and Hamilton County Environmental Services.
5. The following monitoring activities/field investigations were conducted in the 2nd quarter of 2010:
- Quarterly sampling of the sentinel and POC wells in the southwest quad.
  - Monthly sampling of select southwest quad wells (MW-120, MW-133, MW-35, MW-138 through MW-140, and MW-142).
  - Bi-monthly groundwater gauging.
  - Quarterly sampling and the MNA component of the main site barrier wall groundwater monitoring network.
  - Semiannual groundwater sampling of remedy monitoring wells.
  - Annual Gulf Park Groundwater and MNA monitoring.
  - Start of the installation of a new production well PROD\_25 in the central plume area of the site, north of existing well PROD\_12.

### Planned Activities – 3rd Quarter 2010

1. The following monitoring and fieldwork activities are planned:
  - Gulf Park systems trigger level monitoring.
  - Bi-monthly groundwater monitoring.
  - Semiannual monitoring of the ROST transects in the southwest quad.
  - Quarterly groundwater monitoring of the barrier wall monitoring wells.
  - Quarterly groundwater monitoring of the southwest quad monitoring wells.
  - Monthly groundwater monitoring of select southwest quad monitoring wells.
  - Annual monitoring of the barrier wall monitoring network along the Gulf Park river bank.
  - Semiannual groundwater monitoring of the site, southwest quad, and Gulf Park network.
  - Rehabilitation of PROD\_24, and the installation of an inflatable packer assembly in PROD\_19.
  - Installation of a new production well PROD\_25 in the central plume area of the site, north of existing well PROD\_12.
  - Annual groundwater monitoring at the RCRA Land Treatment Unit.
  - Annual monitoring of selected nested soil vapor monitoring wells in Hooven
  - Monthly monitoring of selected intervals in nested soil vapor monitoring wells VW-96 and VW-99 when groundwater trigger elevations are reached in accordance with the Supplemental Monitoring of Soil Vapor Conditions beneath Hooven with an amended flowchart, Chevron Cincinnati Facility, Hooven, Ohio.
2. Laboratory analytical data and quality assurance information will continue to be evaluated.

We appreciate your continued engagement on this project. If you have any questions or require any additional information, please contact me at (713) 432-2633 or Matt Mitchell (Trihydro Corporation) at (513) 353-1323, ext. 23.

Sincerely,

*W. Black #22*

Blake Hall – Site Manager  
Chevron Cincinnati Facility  
Chevron Environmental Management Company

500-017-013

cc: Harold O'Connell – OEPA